

Illustrated  
Catalog of



Sign Painter's and  
Card Writer's  
Supplies



SUPPLY DEPARTMENT

*The Detroit School of Lettering*

DETROIT, MICHIGAN, U. S. A.



## ORDER BLANK.

## SUPPLY DEPARTMENT

# The Detroit School of Lettering, Detroit, Mich.

**NOTE**—Please order by Catalogue Number **ONLY**.

Be careful to state **QUANTITY** desired.

### Write Plain.

All goods sent by mail should be **Registered** to insure safe delivery. Not responsible for goods sent otherwise.

Add 8c. to remittance for registration.

**SUPPLY DEPT.**

# Detroit School of Lettering, DETROIT, MICH.

Date 190

**Gentlemen:**—

Please find enclosed \$ to cover cost of goods ordered below:

*Registration Fee, -*

*TOTAL,* -

Name, \_\_\_\_\_

*City, State, Zip Code*

*Street and No.*

*State.*

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# **ILLUSTRATED CATALOG**

**Letterer's,  
Sign-Painter's  
and Show Card Writer's  
Supplies**

Issued by  
***The* DETROIT SCHOOL OF LETTERING**  
Detroit, Michigan, U. S. A.

## Introductory



**I**N MOST all branches of the sign-painting trade the style of work and the methods of execution have changed greatly in the past few years. The tools, brushes, etc., used by the average letterer, however, have remained practically the same. Some have improvised to meet an emergency, while others, more progressive, have had certain tools, etc., made to order, but a large majority of workmen are still using out-of-date tools and are dependent upon the local art dealer for their supplies.

The goods carried by the average paint store have been selected in nearly every instance by a person without any practical experience. You must take what is offered or go without. Supplies (and especially lettering brushes) used by the letterer should be designed, or at least selected, by a practical man, one who knows from actual experience just what is needed and the tools that are most suitable and best adapted for certain purposes.

All the goods listed in this Catalog were selected and are therefore recommended by the undersigned. A lifetime of experience, both as a workman and an instructor, has qualified me to fill several long-felt wants.

Permit me to call your special attention to the brushes and colors shown on pages 8 and 13. Brushes No. 1 and No. 9 were made to my special order and cannot therefore be obtained elsewhere. This also refers to the Acqua (Water) Colors listed on page 13. I wish to call attention also to the beginner's outfits, which are shown on pages 22 and 24.

Full and explicit information is printed below each article priced or illustrated.

The constant increase in the volume of business since our supply department was established leads me to believe that my efforts to satisfy customers of the School are appreciated. I shall be just as careful in the future as in the past to keep ahead of the procession, fully believing in the old axiom, "Merit will win."

Purchasers of supplies are privileged to write to me for information or advice at any time they may desire. All such requests will receive my prompt and personal attention.

Respectfully,



President of The Detroit School of Lettering.

## NOTICE!

Our aim first and last has always been to sell goods of a superior quality. We are prepared to fill orders very promptly, making it a rule to ship goods the same day ordered.

Prices are subject to change without notice.

## INSTRUCTIONS.

Do not cut up this Catalog. When ordering it is necessary only to give the Catalog number, quantity and size of articles desired.

All orders must be accompanied with a remittance to cover same.

Remittances can be made by Bank Draft, Express or Postoffice Order and should be made payable to The Detroit School of Lettering, Detroit, Mich.

All goods will be packed with the utmost care and shipped per purchaser's instruction. No allowance will be made for breakage or damage in transit. Claims for damages should be made to the transportation company handling the goods, not to us.

Goods sent as ordered are not returnable (unless found unsatisfactory).

Goods sent by mail (unless registered) at buyer's risk. To insure safety, packages sent by mail should be registered. It costs but 8 cents extra to register a package.

Purchasers desiring us to use our judgment in selecting goods must send money enough to cover probable cost and we will then select what is needed. Goods sent in this manner are not returnable. However, if preferred we will mail our suggestions before shipping and await definite advice.

Liquids and dry colors are mailable only in special packages approved by the Postoffice authorities. It is therefore impracticable to send such goods by mail.

If there is more than one express company in your city, designate the one you prefer.

We guarantee our goods to be exactly as represented, and any article that does not prove entirely satisfactory may be returned and we will promptly replace or refund money.

We are not infallible. We sometimes make mistakes. When we do, please do us the favor of reporting the same at once, thereby giving us an opportunity to adjust matters to your satisfaction.

Address all communications to

**Supply Department,**

**The Detroit School of Lettering,**

**Detroit, Michigan.**

## BRUSHES.

**B**RUSHES are the most essential tool of the letterer. A poor brush is expensive at any price. Good brushes conduce to speed. Poor brushes retard progress, cause annoyance and are therefore expensive regardless of the cost. Most all competent workmen realize the necessity and the advantage of good brushes. The beginner or amateur workman is not well qualified to make his own selections, believing, as a rule, that brushes are all alike and that one is as good as another. The practical man, however, has learned through experience that there is a great difference in the **quality** of brushes and is very careful to discriminate.

Every brush shown in this Catalog has been selected by an expert and is therefore especially adapted for practical use. Our brushes require no "breaking in." All our brushes are equipped with handles, ready for instant use.

## CARE OF BRUSHES.

Brushes being the most valuable tool of the letterer, should be cared for accordingly. All lettering pencils that are used in oil or japan color should be well cleaned after using with benzine or turpentine, and then greased with lard oil, vaseline or any other non-drying oil. The oil should be thoroughly removed with benzine or turpentine before they are used again. Lettering brushes should never be allowed to stand on end. Always lay flat or stand with the **brush end up**. Lettering brushes used in water color should be cleaned with water only.

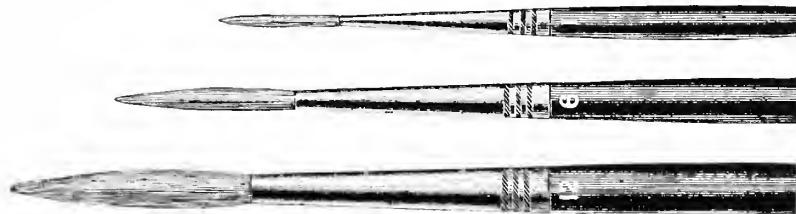
## BRUSH SUGGESTIONS.

Sable brushes are best adapted for water color work. They are also especially suitable for heavy color. Our Nos. 7 and 8 are prepared especially for this kind of work. Camel's hair brushes are used almost exclusively in light-weight colors, for lettering on glass and other smooth surfaces. Our No. 1 we believe is the best camel hair pencil ever prepared for general lettering purposes. Rough surfaces require the use of brushes with more strength and less pliability in the hair. Thus, a camel's hair brush may be used on glass, brass, boards, tin, oilcloth, etc. For canvass or sheeting (the surface being medium rough), sable, black fitch, or bear hair brushes are suitable. Our No. 9 is designed specifically for rapid work on muslin, Brick walls, etc. (extremely rough) necessitate the use of bristle brushes. Our No. 4 is the brush generally used for water-size for gilding on glass. The 1½-inch size is best for general use.



# Brushes.

## SUPERFINE FRENCH CAMEL HAIR LETTERING PENCILS.



EXACT SIZE.

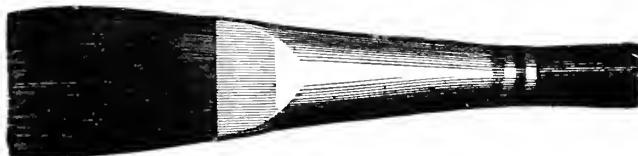
**No. 1.** Polished, nickel ferrules. Cedar handles. Made to our order exclusively. Especially recommended for general lettering purposes. Guaranteed to be the best lettering pencil on the market. Requires no "breaking in." Ready for instant use.

No. 1, each (postage paid), \$0.10; per one-half dozen, \$0.50; per dozen, \$0.80.  
 No. 6, each (postage paid), .12; per one-half dozen, .65; per dozen, 1.15.  
 No. 8, each (postage paid), .15; per one-half dozen, .75; per dozen, 1.40.  
 No. 12, each (postage paid), .20; per one-half dozen, 1.10; per dozen, 2.00.  
 No. 13, each (postage paid), .25; per one-half dozen, 1.35; per dozen, 2.50.  
 No. 14, each (postage paid), .30; per one-half dozen, 1.50; per dozen, 2.75.  
 No. 16, each (postage paid), .35; per one-half dozen, 1.85; per dozen, 3.35.

One dozen assorted, \$2.00.

Brushes should be registered to insure safe delivery. Send 8 cents additional for registration.

## CAMEL HAIR (FLAT) LETTERING BRUSHES.



**No. 2.** Polished nickel ferrules. Cedar handles. Designed specifically for rapid one-stroke work. May also be used to advantage for coating, blending and filling in on smooth surfaces. Indispensable to the up-to-date workman. Designed by and prepared especially for us.

Size.

$\frac{1}{4}$  inch wide.....each, \$0.10 (postpaid); half dozen, \$0.50 (postpaid).  
 $\frac{1}{2}$  inch wide.....each, .12 (postpaid); half dozen, .60 (postpaid).  
 $\frac{3}{4}$  inch wide.....each, .18 (postpaid); half dozen, .90 (postpaid).  
 1 inch wide.....each, .22 (postpaid); half dozen, 1.20 (postpaid).

One dozen assorted (3 each), \$1.75 (postpaid).

## CAMEL HAIR SCROLLERS.



EXACT SIZE.

No. 3. Cedar handles. Best quality. Designed for ornamental work, scrolling, etc. Not well adapted for lettering purposes.

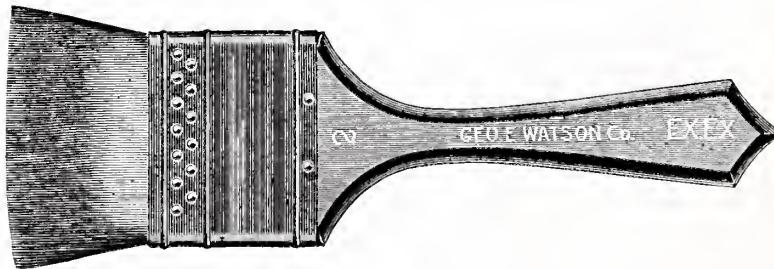
## Size.

|        |   |
|--------|---|
| 1..... | each, \$0.05 (postpaid); per half dozen, \$0.25 (postpaid). |
| 3..... | each, .07 (postpaid); per half dozen, .35 (postpaid).       |
| 5..... | each, .10 (postpaid); per half dozen, .50 (postpaid).       |
| 7..... | each, .12 (postpaid); per half dozen, .60 (postpaid).       |

One dozen assorted (3 of each), 90 cents (postpaid).

## CAMEL HAIR FLOWING BRUSHES.

(Water-Size Brush.)



No. 4. In polished brass. Long cedar handles. Double thick. Double nailed. Guaranteed. Recommended especially for applying water-size in glass gilding. Also used for coating smooth surfaces with flat colors.

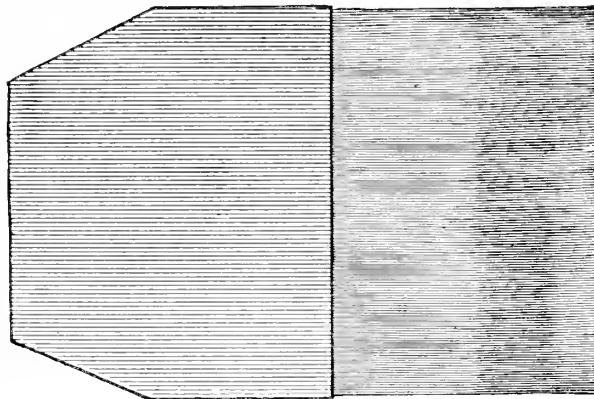
## Size.

|  |  |
|--|--|
| 1½ inch wide, each, \$0.65 (postpaid). | 2½ inch wide, each, \$1.00 (postpaid). |
| 2 inch wide, each, .85 (postpaid).     |  |

The 1½ inch size is the most popular for glass gilding.

## FRENCH CAMEL HAIR TIPS.

(For Laying Gold.)



ONE-HALF ACTUAL SIZE.

No. 5. Used for laying gold leaf on glass or any other surface. Extra quality. Can also be used for laying silver if necessary. Four inches wide.

Size.

Hair 1½ inch long.....each, \$0.15 (postpaid).  
 Hair 2 inch long.....each, .18 (postpaid).  
 Hair 2½ inch long.....each, .20 (postpaid).

We recommend the 2-inch size for general use.

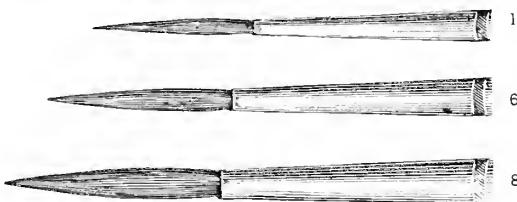
## BADGER HAIR TIPS.

(For Laying Silver Leaf.)

No. 6. Same style as the camel hair tip. Best adapted for laying silver leaf. Too stiff and firm for laying gold leaf. Four inches wide.

Size Hair, 1½, 2 and 2½ in. long, each, 15c postpaid.

## SUPERFINE RED SABLE LETTERING BRUSHES.



ACTUAL SIZE.

No. 7. Nickel plated ferrules. Polished handles. Round. Best adapted for heavy-color work. May be used in oil or water color.

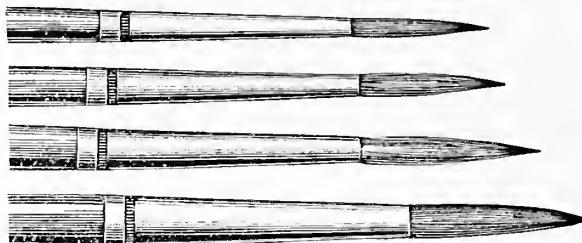
Size.

|                   |                         |        |
|-------------------|-------------------------|--------|
| No. 3 Each .....  | \$0.30; half dozen..... | \$1.60 |
| No. 6 Each .....  | .45; half dozen.....    | 2.50   |
| No. 8 Each .....  | .65; half dozen.....    | 3.75   |
| No. 12 Each ..... | 1.25; half dozen.....   | 7.00   |

One-half dozen, assorted, \$3.00.

## RED SABLE SHOW CARD BRUSHES.

(For Show Card Lettering.)



EXACT SIZE.

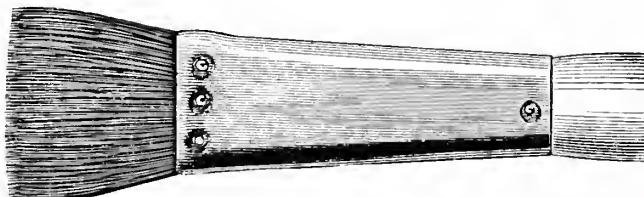
**No. 8.** Round. Polished cedar handles. Nickel plated ferrules. Made expressly for show card lettering. Guaranteed to give perfect satisfaction.

Size.

|    |      |                             |        |
|----|------|-----------------------------|--------|
| 6  | Each | \$0.20; per half dozen..... | \$1.10 |
| 8  | Each | .22; per half dozen.....    | 1.25   |
| 10 | Each | .25; per half dozen.....    | 1.35   |
| 12 | Each | .30; per half dozen.....    | 1.60   |

One-half dozen, assorted, \$1.25; one dozen, assorted, \$2.70.

## SPECIAL BLACK FITCH LETTERING BRUSHES (FLAT).

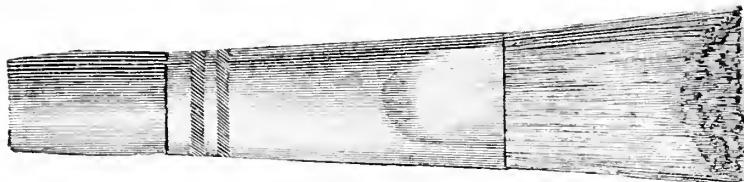


**No. 9.** Nickel ferrules with handles. These brushes were designed by us and made to our order. Never before placed on the market. Unquestionably the very best brush ever manufactured for lettering on muslin. They will hold more color, carry it farther and produce a sharper, clean edge, than any other brush ever made for a similar purpose. Designed especially for quick, one-stroke execution. Very durable. Perfectly constructed. Sold under our absolute guarantee.

Size.

|   |        |                                     |        |
|---|--------|-------------------------------------|--------|
| $\frac{1}{2}$ inch wide, each.....      | \$0.20 | 1 inch wide, each.....              | \$0.35 |
| $\frac{3}{4}$ inch wide, each.....      | .25    | $1\frac{1}{4}$ inch wide, each..... | .50    |
| One-half dozen, assorted sizes, \$1.50. |        |                                     |        |

## LETTERING FITCHES.



ACTUAL SIZE (3/4 INCH).

**No. 10.** Chiseled-edge. Flat, polished handles. Tin ferrules. For lettering or cutting-in on bulletin boards, brick walls, fences or other very rough surfaces.

## Size.

|                       |                            |                   |                   |
|-----------------------|----------------------------|-------------------|-------------------|
| 1/2 inch wide, each   | \$0.15; per one-half dozen | \$0.75; per dozen | \$1.35 (postpaid) |
| 3/4 inch wide, each   | .15; per one-half dozen    | .80; per dozen    | 1.50 (postpaid)   |
| 1 inch wide, each     | .25; per one-half dozen    | 1.25; per dozen   | 2.30 (postpaid)   |
| 1 1/4 inch wide, each | .30; per one-half dozen    | 1.65; per dozen   | 3.00 (postpaid)   |
| 1 1/2 inch wide, each | .40; per one-half dozen    | 2.00; per dozen   | 3.70 (postpaid)   |

One-half dozen, assorted, \$1.25; one dozen, assorted, \$2.25.

## CUTTING-IN BRUSHES (FLAT).



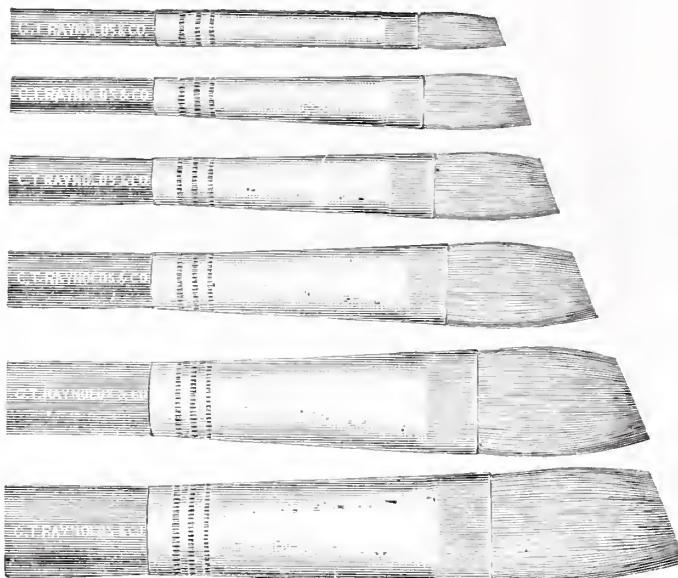
**No. 11.** Extra chiseled, flat bristle brushes. Cedar handles. Double thick. Tinned ferrules. All French bristles. Used extensively for advertising signs on large rough surfaces. May also be used as a varnishing brush.

## Size.

|                            |                             |                   |
|----------------------------|-----------------------------|-------------------|
| 1 inch wide, each.....     | \$0.20; per half dozen..... | \$1.10 (postpaid) |
| 2 inch wide, each.....     | .40; per half dozen.....    | 2.25 (postpaid)   |
| 2 1/2 inch wide, each..... | .55; per half dozen.....    | 3.00 (postpaid)   |

One dozen, assorted (four of each), \$4.25 (postpaid).

## BRISTLE BRUSHES.



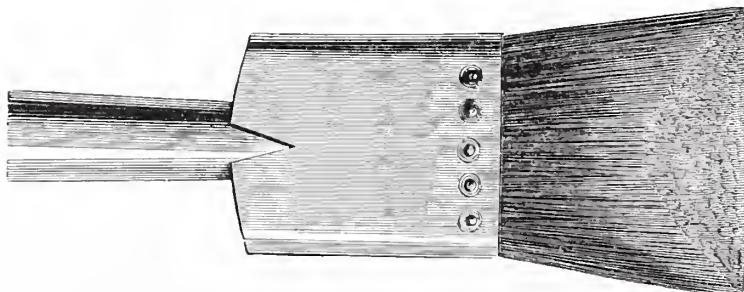
ACTUAL SIZE.

No. 12. Flat, polished handles. Tin ferrules. Designed especially for lining or striping black boards, cutting-in raised letters and all straight line work.

Size.

|                                   |      |       |                             |                   |
|-----------------------------------|------|-------|-----------------------------|-------------------|
| 1                                 | Each | ..... | \$0.15; per half dozen..... | \$0.75 (postpaid) |
| 3                                 | Each | ..... | .20; per half dozen.....    | 1.00 (postpaid)   |
| 5                                 | Each | ..... | .25; per half dozen.....    | 1.25 (postpaid)   |
| One-half dozen, assorted, \$1.00. |      |       |                             |                   |

## BADGER FINISHING BRUSHES.

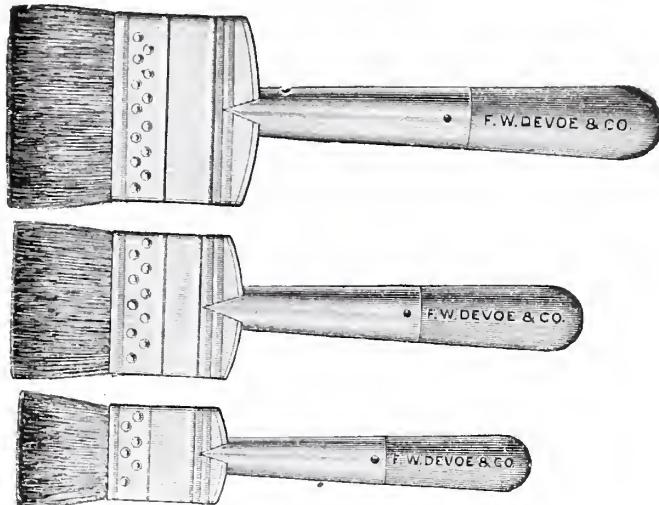


No. 13. A splendid brush for finishing coats. Soft and pliable. In tin. Polished handles. Chiseled-edge. Double thick.

Size.

|   |                      |                   |
|---|----------------------|-------------------|
| 1 | inch wide, each..... | \$0.50 (postpaid) |
| 2 | inch wide, each..... | 1.00 (postpaid)   |
| 3 | inch wide, each..... | 1.50 (postpaid)   |

## VARNISH BRUSHES (BLACK SABLE).

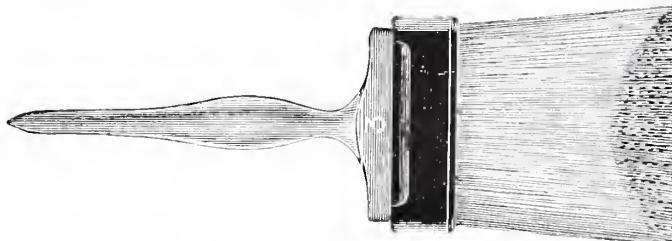


No. 14. In tin, polished handles. Suitable also for all kinds of fine finishing work. Double thick.

## Size.

|                          |                   |
|--------------------------|-------------------|
| 1 inch wide, each.....   | \$1.15 (postpaid) |
| 2 inches wide, each..... | .25 (postpaid)    |
| 3 inches wide, each..... | .30 (postpaid)    |

## FLAT BRISTLE VARNISH BRUSHES.

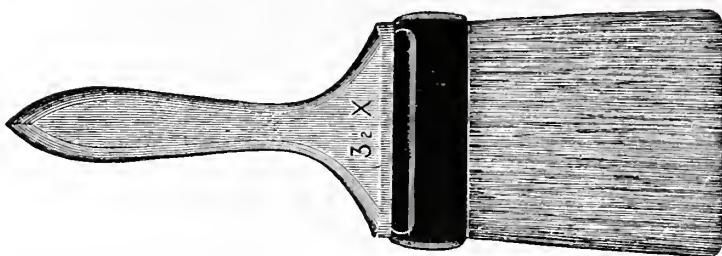


No. 15. Flat French bristles. Polished handles. Chiseled-edge. Double nailed.

## Size.

|                          |                   |
|--------------------------|-------------------|
| 1 inch wide, each.....   | \$0.30 (postpaid) |
| 2 inches wide, each..... | .60 (postpaid)    |
| 3 inches wide, each..... | .90 (postpaid)    |

## WALL OR COATING BRUSHES.

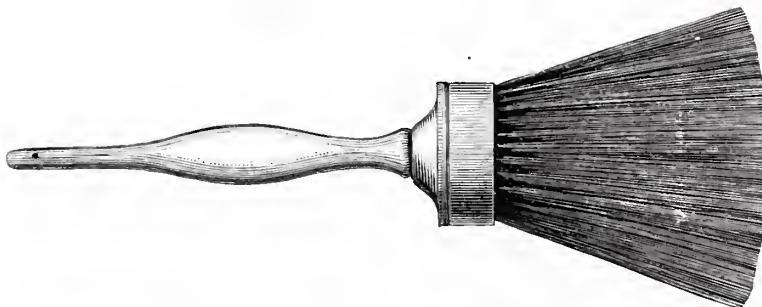


No. 16. Selected white Russia bristles. Long stock. Rubber set. A practical painter's brush. A good serviceable tool.

Size.

|                              |        |                              |
|------------------------------|--------|------------------------------|
| 3 1/2 inches wide, each..... | \$1.35 | Size.                        |
|                              |        | 4 1/2 inches wide, each..... |
|                              |        | \$1.80                       |
|                              |        | (Express.)                   |

## PAINTERS' DUSTERS.



No. 17. Round, white bristles, gray center. Very heavy. Long stock. Adapted for general use.

Size.

|              |                  |
|--------------|------------------|
| 5 Each ..... | \$1.00 (express) |
| 6 Each ..... | 1.25 (express)   |

# Colors.

## OPAQUE WATER COLORS.

(For Show Card Writers.)



EXACT SIZE.

**No. 18.** Our celebrated AQUA brand. Made expressly for the Detroit School of Lettering. Put up in screw-top glass jars. Guaranteed absolutely pure and ground to the last degree of fineness. Ready for instant use.

| Per Jar.                               | Per Jar.                       |
|--|--------------------------------|
| Am. Vermillion (bright red).....\$0.35 | Cremnitz White .....\$0.25     |
| Ult. Blue (brilliant blue)..... .25    | Magenta Lake (purple)..... .40 |
| Black ..... .20                        | Chrome Green (medium)..... .25 |
| Chrome Yellow (medium shade)..... .25  | Orange (medium)..... .35       |
| (Express.)                             |                                |

Not sold in less than four-jar lots. Set of eight colors, \$2.00.

## MOIST WATER COLORS. (F. W. DEVOE & CO.'S.)

(In Half Pans.)



ACTUAL SIZE.

No. 19. Transparent. Not suitable for show card lettering. Used extensively for miniature colored designs, pictorial work, wash drawings, etc. Extra quality.

|                        |                     |                |
|------------------------|---------------------|----------------|
| Blue Black             | Emerald Green       | Prussian Green |
| Burnt Sienna           | Hooker's Green      | Raw Umber      |
| Burnt Umber            | Indian Red          | Raw Sienna     |
| Charcoal Gray          | Ivory Black         | Vandyke Brown  |
| Chinese White          | Light Red           | Vermillion     |
| Chrome Yellow (light)  | Mauve (purple)      | Yellow Ochre   |
| Chrome Yellow (medium) | Neutral Tint (gray) | New Blue       |
| Chrome Yellow (dark)   | Olive Green         | Indigo         |
| Orange Chrome          | Prussian Blue       |                |

Each 16c, postpaid; per dozen, assorted, \$1.50, postpaid.

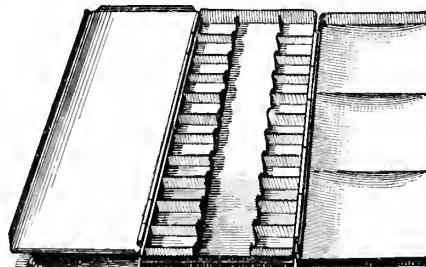
|              |                   |                    |
|--------------|-------------------|--------------------|
| Crimson Lake | Sepia             | Scarlet Vermillion |
| Scarlet Lake | Orange Vermillion | Purple Lake        |

Each 25c; per dozen, assorted, \$2.70, postpaid.

|             |               |
|-------------|---------------|
| Carmine     | Purple Madder |
| Rose Madder | Pink Madder   |

Each 50c, postpaid.

### JAPANNED TIN BOXES FOR MOIST WATER COLORS.



(Empty.) (For Half Pans.)

|         |                         |                   |
|---------|-------------------------|-------------------|
| No. 20. | 6 divisions, each.....  | \$0.70 (postpaid) |
|         | 12 divisions, each..... | .90 (postpaid)    |
|         | 18 divisions, each..... | 1.25 (postpaid)   |
|         | 24 divisions, each..... | 1.40 (postpaid)   |

### MOIST WATER COLORS.

(In Collapsible Tubes.)



EXACT SIZE.

No. 21.

|               |               |               |
|---------------|---------------|---------------|
| Crimson Lake  | Chinese White | Orange        |
| Burnt Sienna  | Lamp Black    | Prussian Blue |
| Charcoal Gray | New Blue      | Violet        |
| Sepia         | New Green     | Yellow Ochre  |

Each 15c; per dozen, assorted, \$1.50, postpaid.

## LETTERINE.

**No. 22.** For show card lettering. Can also be used in shading pens. Dries quick and hard with a brilliant gloss. Ready for instant use. Put up in one-half pint, pint and quart bottles.

|                                      | Quarts. | Pints. | Half-Pints. |
|--------------------------------------|---------|--------|-------------|
| Black .....                          | \$0.85  | \$0.50 | \$0.40      |
| Red, Blue, Green, Yellow, White..... | 1.10    | .75    | .50         |
| (Express only.)                      |         |        |             |

## DRAWING INK.

**No. 23.** Our celebrated CROW BLACK for pen and ink drawing. A perfect ink. Indispensable to draftsmen and designers. Especially prepared for reproduction purposes. Very dense black. Water and gasoline proof. Covers perfectly. Guaranteed to be the best drawing ink on the market. Made expressly for us. Brush tints can be freely applied over it without blurring or causing the lines to spread. Also made in blue, brown, carmine, green, scarlet, vermillion and yellow. Full 1-oz. bottle (express extra), 25c.

## WHITE INK.



**No. 24.** For use on black and dark shades of bristol board and paper. One-half ounce (small size), 15c; one ounce (large size), 25c; express extra.

## COLORS GROUND IN OIL.

Sample cards showing full line of color sent on application.

**No. 25.** These goods are made expressly for us by one of the largest color manufacturers in the world. They are highly recommended for sign painters' use. They are made right, from the best material and ground to perfection, combining the features absolutely essential to give entire satisfaction, i. e., durability, purity, strength, richness of tone and fineness of grinding. A single test will prove their superiority. Sold under our special guarantee. Put up in one pound cans. By express only.

## BLACKS.

Drop Black, each.....\$0.20 Lamp Black, each.....\$0.20

## BLUES.

|                          |        |                      |        |
|--------------------------|--------|----------------------|--------|
| Prussian Blue, each..... | \$0.40 | Ult. Blue, each..... | \$0.25 |
|--------------------------|--------|----------------------|--------|

## BROWNS.

|                         |        |                          |        |
|-------------------------|--------|--------------------------|--------|
| Burnt Sienna, each..... | \$0.18 | Raw Sienna, each.....    | \$0.18 |
| Burnt Umber, each.....  | .16    | Vandyke Brown, each..... | .16    |

## REDS.

|                            |        |                           |     |
|----------------------------|--------|---------------------------|-----|
| Eng. Vermillion, each..... | \$0.95 | Am. Vermillion, each..... | .18 |
| Indian Red, each.....      | .18    | Venetian Red, each.....   | .12 |
| Tuscan Red, each.....      | \$0.20 |                           |     |

## YELLOWS.

|                                  |        |                                 |        |
|----------------------------------|--------|---------------------------------|--------|
| Chrome Yellow (light), each..... | \$0.20 | Chrome Yellow (dark), each..... | \$0.20 |
| Chrome Yellow (medium), each..   | .20    | Golden Ochre, each.....         | .14    |

## COLORS GROUND IN JAPAN.

No. 26. For coach, carriage and car work and all surfaces finished with varnish. Ground in japan. Dry instantly. Put up in one pound cans.

|                                   | Each.  |                                    | Each.  |
|-----------------------------------|--------|------------------------------------|--------|
| Lamp Black .....                  | \$0.25 | Olive Green .....                  | \$0.40 |
| Ivory Black .....                 | .30    | Sage Green .....                   | .40    |
| Cobalt Blue .....                 | .75    | Brilliant Red .....                | .55    |
| Prussian Blue .....               | .65    | Indian Red .....                   | .25    |
| Ultramarine Blue .....            | .50    | Tuscan Red .....                   | .30    |
| Vandyke Brown .....               | .25    | Sienna (raw or burnt).....         | .30    |
| Russet Brown .....                | .26    | Umber (raw or burnt).....          | .30    |
| Pullman Car Color.....            | .25    | English Vermillion (light or dark) |        |
| Brewster Green .....              | .35    | market price                       |        |
| Unfading Vermillion .....         | .45    | Flake White .....                  | .35    |
| Yellow (light, dark or medium)... | .35    | Wine Color .....                   | .30    |
| Opaque Carmine .....              | 1.60   |                                    |        |

## GLAZING COLORS. (GROUND IN OIL.)

No. 27. These colors are transparent and are suitable only for glazing. In extra large tubes. Especially prepared for all classes of sign work.

## YELLOWS.

|                         |        |                  |        |
|-------------------------|--------|------------------|--------|
| Yellow Lake (deep)..... | \$0.65 | Gamboge .....    | \$0.65 |
| Indian Yellow .....     | .75    | Raw Sienna ..... | .45    |

## GREENS.

|                  |        |                     |        |
|------------------|--------|---------------------|--------|
| Blue Green ..... | \$0.45 | Emerald Green ..... | \$0.40 |
| Sap Green .....  | .45    | Verdigris .....     | .50    |

## BLUES.

|                    |        |                     |        |
|--------------------|--------|---------------------|--------|
| Chinese Blue ..... | \$0.60 | Prussian Blue ..... | \$0.50 |
|--------------------|--------|---------------------|--------|

## PURPLES.

|                    |        |                  |     |
|--------------------|--------|------------------|-----|
| Deep Purple .....  | \$0.90 | Heliotrope ..... | .75 |
| Royal Purple ..... | .75    |                  |     |

## REDS.

|                      |        |                     |        |
|----------------------|--------|---------------------|--------|
| Carmine, No. 40..... | \$1.00 | Asphaltum .....     | .50    |
| Scarlet Lake .....   | .65    | Geranium Lake ..... | \$0.95 |

**BRONZE POWDERS. (BRILLIANT.)**

**No. 28.** Bronze Powders will not stand when exposed to the weather. They are suitable for inside work only. The brilliant grades will not cover well when mixed with japan or other liquids, but when applied to "size" produce a very rich and highly burnished effect and cover perfectly. Put up in one ounce papers.

Rich Gold, Copper, Green, Orange or Fire, one ounce papers, 25c each, postpaid

**GOLD LETTERING BRONZES.**

**No. 29.** This bronze is ground exceedingly fine and can be mixed and applied the same as oil colors. Covers perfectly and is made especially for lettering, lining or striping purposes. Especially recommended for show card work.

One ounce papers, each 25c; postpaid.

**ALUMINUM BRONZE. (BRILLIANT.)**

**No. 30.** This bronze when mixed properly will produce an effect almost equal to aluminum leaf. Retains its whiteness and brilliancy and does not get dull from exposure. Can be used with "size" for outside work. Splendid for all kinds of sign work. Will not tarnish.

One ounce papers, each 25c; per pound \$2.50.

**ALUMINUM LETTERING BRONZE.**

**No. 31.** Especially prepared for lettering purposes. Covers perfectly and dries with a bright gloss. Mix the same as dry colors. Will not tarnish.

One ounce papers, each 25c; per pound \$3.00.

**ALUMINUM LEAF.**

**No. 32.** Does not tarnish when exposed to the weather. Made of pure aluminum. Applied the same as gold leaf. Very durable and appropriate for sign purposes. Put up in packs of ten books each. Fifty leaves to a book, five inches square. Per book, 17c; per pack, \$1.50, postpaid.

**GOLD LEAF (DEEP).**

**No. 33.** Pure gold leaf, put up in packs of twenty books each. Twenty-five leaves to each book.

Per book, 50c; per pack, \$8.00; postpaid.

Price subject to change without notice.

**PALE GOLD LEAF (LEMON).**

**No. 34.** Put up in the same style as pure gold leaf. Several shades lighter than deep gold. Used extensively for embossing on glass.

Per book, 45c; postpaid.

**PATENT OR TRANSFER GOLD LEAF.**

**No. 35.** Put up in books prepared so that the gold adheres to the paper lightly. Designed for use in the open air. The paper and gold can be laid together and the paper afterward easily detached. Put up the same as gold leaf.

Per book, 50c; per pack, \$8.00; postpaid. Price subject to change.

### IMITATION GOLD LEAF.

**No. 36.** Put up the same as gold leaf. Prepared especially for inside work. Will tarnish when exposed to the outside air. Suitable only for temporary signs, window shades, banners, etc.

Per book, 5x5 inches, 17c; per pack, \$1.50; postpaid.

### SILVER LEAF.

**No. 37.** Put up the same as gold leaf. For glass gilding. Will tarnish when exposed to the air. Not suitable for any purpose except glass work that is to be backed up.

Per book, 10c; per pack, \$1.35; postpaid.

### WATER SIZE.

**No. 38.** For gold and silver leaf gilding on glass. Put up in small packages. Each package contains the right quantity for one quart of water. Keeps indefinitely. Always ready for use. Directions for using on each box.

Twelve packages in a box. Price per box, 60c.

### FLITTER BROCADES.

**No. 39.** Flitter is made of the same material as bronze powders but is in small flakes instead of powder. Being very brilliant they are very effective for many decorations. Especially suitable for show card work.

Gold, Green, Blue, Fire, Crimson, Lemon, Silver.

Put up in one ounce papers. Per ounce, 15c; postpaid.

### MICA AND DIAMOND DUST.

**No. 40.** For cardboard decorations. Put up in five ounce papers. Mica, per paper, 25c. Diamond Dust, per paper, 25c. Postpaid.

### JAPANESE PEARL.

**No. 41.** For inlaying on glass. Very thin. In packages of 100 pieces, \$2.00; postpaid.

### TINFOIL.

**No. 42.** For glass sign work. Medium weight. Per pound, 40c (express).

### JAPAN GOLD SIZE.

**No. 43.** This is a very high grade japan dryer and is used extensively for all kinds of work where durability is essential. It is also used almost exclusively to regulate the drying of fat oil. Very convenient and reliable for quick gold size or bronze burnishing, as it will dry with a "tack" in from ten to twenty minutes.

Put up in pint and quart cans. Per pint, 65c; per quart, \$1.20 (express).

### FAT OIL. (SLOW SIZE.)

**No. 44.** For gilders, sign painters, etc. Extra quality. Per quart, 60c.

### CRAYONS, CHARCOAL, ETC.

**No. 45.** Cremnitz White in lumps for marking on glass. Per package, 10c; postpaid.

**No. 46.** Artists' Charcoal (French). In boxes of fifty sticks 6 inches long. Per box, 20c; postpaid.

## CRAYON HOLDERS.



No. 47. Brass, six inches long; each, 15c (postpaid). Silver, with wooden center; each, 25c (postpaid).

## CHALK LINES.

No. 48. Fifty feet long. Each, 15c; postpaid.

## SHADING PENS.



No. 49. The Improved Fountain.

The only fountain pen ever manufactured that will write wider than an ordinary pen. The only wide pen that can be used same as a common lead pencil or pen. Perfectly made. Very simple. Not complicated. Highly polished and nickel plated. Hard rubber handle. Does not clog or gum. Feeds direct. Fill same as any fountain pen. Always ready for use.

Indispensable to show card writers. With the Signograph show cards can be executed at any time. Writes from five to seventy-five times as wide as an ordinary pen.

## REQUIRES PRACTICALLY NO TIME TO LEARN TO USE IT.

Any size pen with two ounce bottle of ink, all complete, for \$1.50.

Made in five sizes:

- No. 1— $1\frac{1}{8}$ -inch wide.
- No. 2— $1\frac{1}{4}$ -inch wide.
- No. 3— $3\frac{3}{8}$ -inch wide.
- No. 4— $1\frac{1}{2}$ -inch wide.
- No. 5— $3\frac{3}{4}$ -inch wide.

Be sure to state size wanted.

## AUTOMATIC SHADING PENS.



|                |                           |                |
|----------------|---------------------------|----------------|
| No. 50. Sizes. | 1/6 inch wide, each.....  | 25c (postpaid) |
|                | 1/8 inch wide, each.....  | 25c (postpaid) |
|                | 3/10 inch wide, each..... | 25c (postpaid) |
|                | 1/4 inch wide, each.....  | 25c (postpaid) |
|                | 3/8 inch wide, each.....  | 25c (postpaid) |
|                | 1/2 inch wide, each.....  | 25c (postpaid) |

Sets of six pens with one bottle of shading ink, \$1.25 (express).

## AUTOMATIC SHADING PEN OUTFIT.



No. 51. Consists of six automatic shading pens, assorted. Nos. 0, 1, 2, 3, 4, 5, and six bottles of shading ink as follows, blue, green, yellow, crimson, brown and purple. Directions for using and sheet of alphabets.

Outfit complete, \$2.25.

## SHADING PEN INKS.

No. 52. Purple, brown, black, blue, green, yellow and red.

Two-ounce bottles, each 25c; one-half dozen, assorted, \$1.25; (express).

## DELMONICO DRAWING PAPER.

No. 53. Made especially for pen and ink drawings. Has a smooth, hard surface and is easily erased. Recommended for all ordinary purposes, school work, etc. Per sheet, 3c; per dozen sheets, 30c; postpaid.

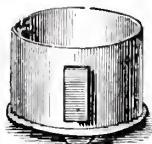
## PENTOGRAPH.

No. 54. These instruments enlarge or reduce portraits, trade marks, landscapes, figures, machinery, etc. They are exceedingly accurate and superior to any instrument on the market selling for three times the price. Indispensable to the letterer. When you wish to enlarge, look on the scale for the number denoting the required enlargement and the number opposite. Then adjust the four arms together, all the same number by shifting the steel screws. Drawings are reduced in the same manner by simply changing the tracing point and pencil holder.

No. 1, heavily mounted with nickel plated elbow joint wheel, pencil holder and exchangeable joints, in box complete, each \$2.50.

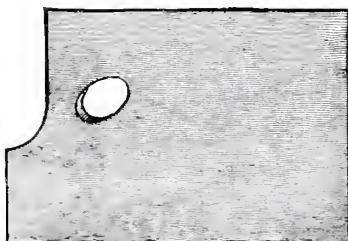
No. 2, brass mounted, each, in box, \$2.00.

### PALETTE CUPS.



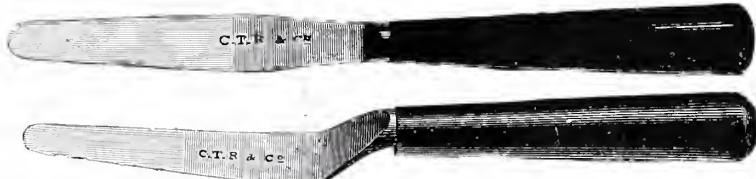
No. 55. Each 10c, postpaid; per one-half dozen 50c (express); per dozen 75c (express).

### PALETTES.



No. 56. Made especially for sign painters' use of well seasoned wood and oiled. Oblong. Size 7 in. by 9 in., each 20c, postpaid.

### PALETTE KNIVES.



No. 57. Steel, ebony handle, 4 inch blade. Each, 25c; postpaid.

### PUTTY KNIVES.

No. 58. 1½x3½ inches. Each, 25c; postpaid.

### TRACING WHEELS.

No. 59. Nickel plated (for perforating paper patterns). Each, 20c; postpaid.

### REST OR MAHL STICKS.



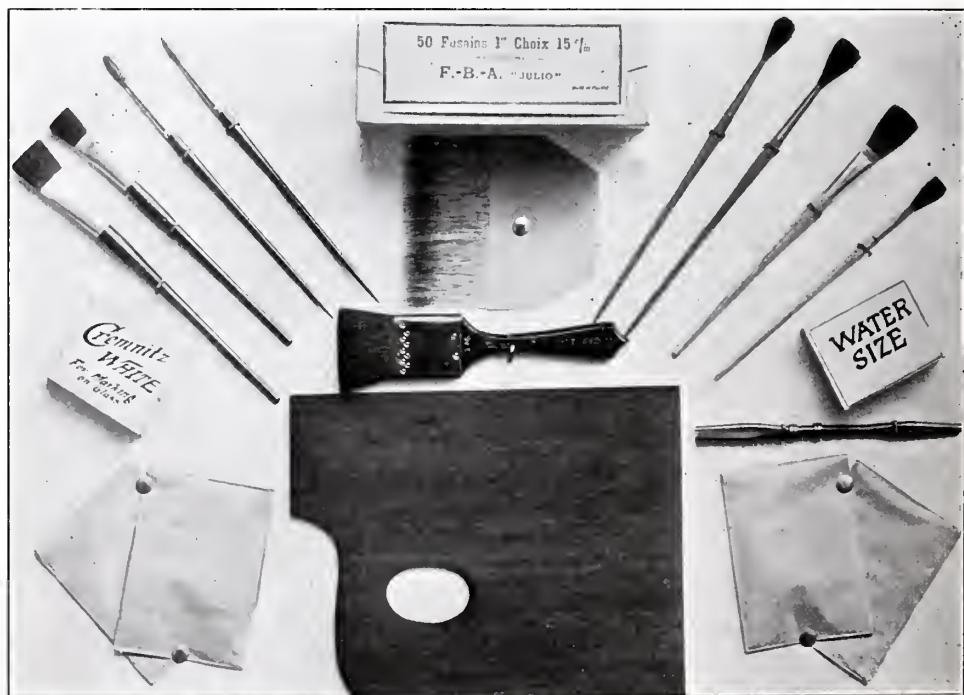
No. 60. Two joints with double brass ferrules, French polish, 35 inches long. Unjointed, 13 inches long. Each, 75c; postpaid.

## AIR PENCILS.



No. 61. For making raised letters and relief work. Very popular for raised ornamental work on show cards. Outfit complete in neat box, comprising air pencil, dry powder, and liquid. Each, 75c; (express).

## COMPLETE SIGN PAINTER'S OUTFIT OR KIT.



STYLE NO. 1.

ALL GOODS SOLD UNDER OUR GUARANTEE.

## SIGN PAINTER'S OUTFIT—Continued.

**No. 62.** These outfits contain all essential tools and materials needed to execute all ordinary work. By buying these goods in this manner you will be able to save time and annoyance and also make a great saving in the cost. Each article is carefully selected and guaranteed. Equipped with one of these handy outfits you are prepared for most any emergency. Put up in three styles.

Style No. 1 contains:

One No. 6 C. H. Lettering Brush  
 One No. 8 C. H. Lettering Brush  
 One No. 6 Sable Lettering Brush  
 One No. 8 Sable Lettering Brush  
 One  $\frac{1}{4}$  in. Flat C. H. Lettering Brush  
 One  $\frac{1}{2}$  in. Flat C. H. Lettering Brush  
 One Size Brush for gilding  
 One Gilder's Tip  
 One Box Water Size

Boxed and shipped complete, only **\$4.00.**

**No. 63.** Style No. 2 contains:

One No. 6 C. H. Lettering Brush  
 One No. 8 C. H. Lettering Brush  
 One No. 12 C. H. Lettering Brush  
 One No. 3 Sable Lettering Brush  
 One No. 6 Sable Lettering Brush  
 One No. 8 Sable Lettering Brush  
 One  $\frac{1}{4}$ -in. Flat C. H. Brush  
 One  $\frac{1}{2}$ -in. Flat C. H. Brush  
 One  $\frac{1}{2}$ -in. Black Fitch for muslin lettering  
 One 1-in. Black Fitch for muslin lettering

Boxed and shipped complete (express), only **\$5.00.**

**No. 64.** Style No. 3 contains:

One No. 6 C. H. Lettering Brush  
 One No. 8 C. H. Lettering Brush  
 One No. 12 C. H. Lettering Brush  
 One No. 14 C. H. Lettering Brush  
 One No. 16 C. H. Lettering Brush  
 One No. 3 Sable Lettering Brush  
 One No. 6 Sable Lettering Brush  
 One No. 8 Sable Lettering Brush  
 One No. 12 Sable Lettering Brush  
 One Size Brush  
 One Gilder's Tip  
 One Box Water Size  
 One  $\frac{1}{4}$ -in. Flat C. H. Let. Brush  
 One  $\frac{1}{2}$ -in. Flat C. H. Let. Brush

Boxed and shipped complete, only **\$7.50.**

One Box Charcoal Crayon  
 One Crayon Holder  
 One Package Cremnitz White, for marking glass  
 One Package Lining Bronze  
 One Package Lining Aluminum  
 One Package Brilliant Bronze  
 One Package Brilliant Aluminum

One Size Brush for glass gilding  
 One Gilder's Tip (camel's hair)  
 One Box Water Size  
 One Box Charcoal Crayon  
 One Crayon Holder  
 One Package Cremnitz White for marking glass  
 One Package Lining Bronze (gold)  
 One Package Brilliant Bronze, gold  
 One Package Lining Aluminum  
 One Package Brilliant Aluminum  
 One Palette

One  $\frac{3}{4}$ -in. Flat C. H. Let. Brush  
 One  $\frac{1}{2}$ -in. Black Fitch  
 One  $\frac{3}{4}$ -in. Black Fitch  
 One 1-in. Black Fitch  
 One Box Charcoal  
 One Crayon Holder  
 One Package Cremnitz White  
 One Package Aluminum Lin. Bronze  
 One Package Brilliant Aluminum  
 One Package Gold Bronze, Brilliant  
 One Package Gold Bronze Lining  
 One Palette  
 One Double Jointed Rest Stick

## COMPLETE CARD WRITER'S OUTFIT.



## STYLE NO. 1.

No. 65. These outfits contain all tools and materials essential to the card writer. Put up in two styles. Save time and money by buying one of these sets.

Style No. 1 contains:

One No. 6 Show Card Brush  
 One No. 8 Show Card Brush  
 One No. 12 Show Card Brush  
 One Jar each of the celebrated Aqua (water) Color: white, black, red, blue and yellow

Boxed and packed complete (by express), only **\$2.50.**

No. 66. Style No. 2 contains:

One No. 6 Show Card Brush  
 One No. 8 Show Card Brush  
 One No. 10 Show Card Brush  
 One No. 12 Show Card Brush  
 One Jar each of the following Aqua (water) Colors: white, black, red, blue, yellow, green, orange, purple

Boxed and shipped complete, only **\$5.00.**

One Box Charcoal  
 One Crayon Holder  
 One Automatic Shading Pen  
 One Bottle Black Ink (shading)  
 One Bottle Red Ink (shading)

Boxed and packed complete (by express), only **\$2.50.**

One Signograph Fountain Pen,  $\frac{1}{2}$  in  
 One Bottle Shading Ink, black  
 One Bottle Shading Ink, blue  
 One Bottle Shading Ink, red  
 One Crayon Holder  
 One Box Charcoal

ALL GOODS SOLD UNDER OUR GUARANTEE.

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